

ALUMINUM URD CABLE - 600 VOLT

UNDERGROUND RESIDENTIAL DISTRIBUTION TYPE URD - 600 VOLT - XLPE - 90°C FOR DIRECT BURIAL

Construction

Conductor:

- Compact stranded 8000 series aluminum alloy.

Insulation:

- Crosslinked Polyethylene (XLPE).
- Type USE-2.

Conductor Identification:

- Black phase conductors.
- Triple yellow striped neutral.

Construction:

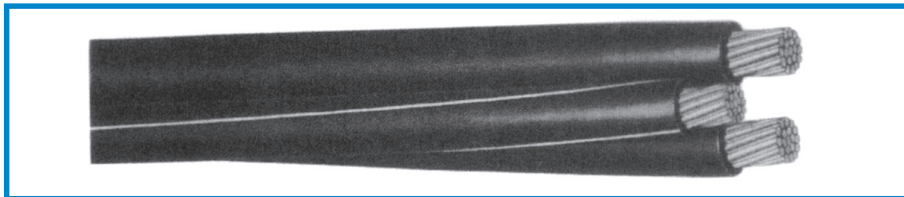
- Multiplexed cable conductors with a left hand lay in Triplex (3 conductor) assembly.

Applications:

- Underground distribution from a supply source to the service entrance equipment of a building.
- Maximum operating temperature of 90°C in dry and wet locations.
- Direct burial application or in ducts.
- 600 volts.

Industry Standards:

- UL Standard 854.
- ICEA S-66-524.
- REA approved.



CUSTOM CATALOG NUMBER	ALUMINUM ASSOCIATION CODE WORD	PHASE CONDUCTORS		NEUTRAL CONDUCTORS		NOMINAL O.D. (IN)	ALLOWABLE AMPACITY		SHIPPING WEIGHT PER MFT.
		COND. SIZE/STRANDING	INSULATION (MILS)	COND. SIZE/STRANDING	INSULATION (MILS)		DIRECT BURIAL	IN DUCTS	
ALUMINUM TRIPLEXED URD 600 VOLT									
29299	ERSKINE	6-7	60	6-7	60	0.625	95	70	152
29300	VASSAR	4-7	60	4-7	60	0.754	125	90	203
29301	STEPHENS	2-7	60	4-7	60	0.824	165	120	264
29302	RAMAPO	2-7	60	2-7	60	0.874	165	120	294
29303	BRENAU	1/0-19	80	2-7	60	1.064	215	160	408
29304	BERGEN	1/0-19	80	1/0-19	80	1.130	215	160	465
29305	CONVERSE	2/0-19	80	1-19	80	1.174	245	180	502
29306	HUNTER	2/0-19	80	2/0-19	80	1.228	245	180	560
29307	HOLLINS	3/0-19	80	1/0-19	80	1.291	280	205	606
29308	SWEETBRIAR	4/0-19	80	2/0-19	80	1.389	315	240	739
29309	MONMOUTH	4/0-19	80	4/0-19	80	1.457	315	240	828
29311	PRATT	250-37	95	3/0-19	80	1.538	345	265	893
29310	WESLEYAN	350-37	95	4/0-19	80	1.736	415	320	1166
29312	RIDER	500-37	95	350-37	95	2.015	495	395	1663

The above data are subject to normal manufacturing tolerances.

Allowable Ampacity: 90°C conductor temperature, 20°C ambient, Rho=90, 100% load factor with neutral carrying only unbalanced load.

Construction

Conductor:

- Compact stranded 8000 series aluminum alloy.

Insulation:

- Crosslinked Polyethylene (XLPE).
- Type USE-2.

Conductor Identification:

- Black phase conductors.
- Triple yellow striped neutral.

Construction:

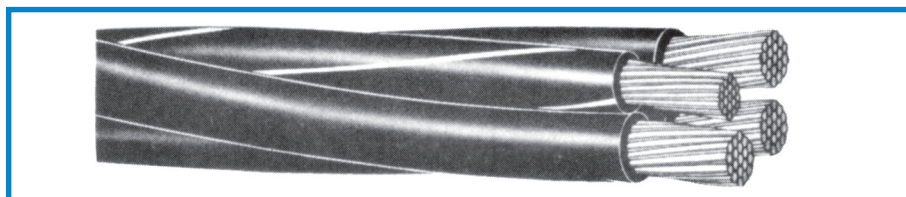
- Multiplexed cable conductors with a left hand lay in Quadruplex (4 conductor) assembly.

Applications:

- Underground distribution from a supply source to the service entrance equipment of a building.
- Maximum operating temperature of 90°C in dry and wet locations.
- Direct burial application or in ducts.
- 600 volts.

Industry Standards:

- UL Standard 854.
- ICEA S-66-524.
- REA approved.



CUSTOM CATALOG NUMBER	ALUMINUM ASSOCIATION CODE WORD	PHASE CONDUCTORS		NEUTRAL CONDUCTORS		NOMINAL O.D. (IN)	ALLOWABLE AMPACITY		SHIPPING WEIGHT PER MFT.
		COND. SIZE/STRANDING	INSULATION (MILS)	COND. SIZE/STRANDING	INSULATION (MILS)		DIRECT BURIAL	IN DUCTS	
ALUMINUM QUADRUPLEXED URD 600 VOLT									
29320	TULSA	4-7	60	4-7	60	0.945	120	85	270
29321	DYKE	2-7	60	4-7	60	0.945	155	115	361
29322	WITTENBERG	2-7	60	2-7	60	0.955	155	115	391
29323	NOTRE DAME	1/0-19	80	2-7	60	1.250	200	150	562
29324	PURDUE	1/0-19	80	1/0-19	80	1.265	200	150	619
29325	SYRACUSE	2/0-19	80	1-19	80	1.370	225	170	688
29326	DAVIDSON	3/0-19	80	3/0-19	80	1.490	250	195	903
29327	WAKE FOREST	4/0-19	80	2/0-19	80	1.587	290	225	1014
29328	EARLHAM	4/0-19	80	4/0-19	80	1.635	290	225	1103

The above data are subject to normal manufacturing tolerances.

Allowable Ampacity: 90°C conductor temperature, 20°C ambient, Rho=90, 100% load factor with neutral carrying only unbalanced load.

Custom Cable Corp.

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